

***LineUp With Math™* Alignment**
Arkansas Mathematics Curriculum Framework

Solving Equations and Inequalities

Content Standard 2. Students will write, with and without appropriate technology equivalent forms of equations, inequalities, and systems of equations and solve with fluency.

Student Learning Expectation

SEI.2.AI.5
Solve real world problems that involve a combination of rates, *proportions* and percents

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

SEI.2.AI.8
Communicate real world problems graphically, algebraically, numerically and verbally

--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.

--Choose and apply a variety of strategies to optimize the solution of air traffic control conflicts.